

GROOVED SHAFT MEMBER AND ASSOCIATED TURBOCHARGER AND METHOD

ABSTRACT

5 There is provided a shaft member such as a bearing, washers, and shaft,
having at least one surface defining a plurality of radial grooves for providing
radial fluid communication without generating significant thrust loading between
the shaft member and an adjacent surface. The grooves can be formed by pressing
a die against the surface(s) of the shaft member.